

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 0 | qam and (polyhase adj1 filter\$3) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:47 |
| L2 | 203 | qam and (filter\$3 with sync) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:19 |
| L3 | 0 | qam and (filter\$3 with (sync adj1 function)) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:19 |
| L4 | 0 | qam and (filter\$3 with sync with sin) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:20 |
| L5 | 3 | qam and (filter\$3 with sync with sin\$3) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:31 |
| L6 | 4 | sinc and liu-\$xa. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:28 |
| L7 | 4 | sinc and liu-\$xp. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:28 |
| L8 | 71 | qam and (filter\$3 with sinc) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:32 |
| L9 | 56 | qam and (filter\$3 with sinc) and (da or "d/a" or dac) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:48 |

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| L10 | 14 | 9 and map | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:33 |
| L11 | 4 | ("5638401" "5781076" "6240142" "6384677").PN. OR ('6621366").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/10 11:35 |
| L12 | 0 | qam and (poly adj1 hase adj1 filter\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:47 |
| L13 | 144 | qam and (polyphase adj1 filter\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:47 |
| L14 | 91 | 13 and (da or "d/a" or dac) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:48 |
| L15 | 61 | 14 and map | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:48 |
| L16 | 82 | 14 and map\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:48 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1014 | 375/308 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:25 |
| S2 | 855 | polyphase adj1 filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:22 |
| S3 | 0 | (polyphase adj1 filter) with QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:22 |
| S4 | 1 | (polyphase adj1 filter) with constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:24 |
| S5 | 5 | "5987071" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:25 |
| S6 | 6 | "6141387" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:25 |
| S7 | 6 | "6233712" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:45 |
| S8 | 729 | passband with baseband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:27 |
| S9 | 42 | QAM with (passband with baseband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:27 |

| | | | | | | |
|-----|--------|---|---|----|-----|------------------|
| S10 | 63 | QAM with (passband and baseband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:27 |
| S11 | 35 | QAM with (passband and baseband)and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:27 |
| S12 | 36 | QAM with (passband and baseband)and (constellation or MAP) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:34 |
| S13 | 2 | (QAM adj1 modulat\$3) with (passband and baseband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:47 |
| S14 | 333981 | QAM wtih (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:48 |
| S15 | 15224 | QAM wtih (I and Q) with polyohase adj1 filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:48 |
| S16 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:49 |
| S17 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) with combin\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:49 |
| S18 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) with combin\$3 with constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:50 |
| S19 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) with combin\$3 with (QAM adj1 constellation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:53 |

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S20 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) with combin\$3 with (QAM adj1 constellation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:54 |
| S21 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) with (combin\$3) with (QAM adj1 constellation) with baseband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 13:54 |
| S23 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) with (combin\$3) with (QAM adj1 constellation) with (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 14:43 |
| S24 | 1014 | 375/308 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 14:43 |
| S25 | 2746 | QAM adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 14:44 |
| S26 | 0 | (QAM adj1 modulat\$3) with (polyphase adj1 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 14:46 |
| S27 | 47 | (QAM adj1 modulat\$3) and (polyphase adj1 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 15:18 |
| S28 | 0 | (QAM adj1 modulat\$3) and ((baseband and passband) adj1 mode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:38 |
| S29 | 82 | (baseband adj1 modulat\$3) with (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:18 |
| S30 | 1 | (QAM adj1 modulat\$3) with baseband with constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:28 |

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S31 | 84 | (QAM adj1 modulat\$3) with baseband and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:28 |
| S32 | 15224 | QAM wtih (I and Q) with (polyohase adj1 filter) with (lowpass adj1 filter) with (combin\$3) with (QAM adj1 constellation) with (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:38 |
| S33 | 729 | baseband with passband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:46 |
| S34 | 534 | select\$3 adj1 (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:47 |
| S35 | 39 | QAM and (select\$3 adj1 (baseband or passband)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:47 |
| S36 | 0 | QAM and (select\$3 adj1 (baseband or passband)) with (i and q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:47 |
| S37 | 0 | QAM and (select\$3 adj1 (baseband or passband)) with (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:47 |
| S38 | 20 | QAM and (select\$3 adj1 (baseband or passband)) and (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:49 |
| S39 | 0 | QAM and (select\$3 adj1 (baseband and passband)) and (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:49 |
| S40 | 0 | QAM and (select\$3 adj1 (baseband and passband)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:50 |

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S41 | 7 | (select\$3 adj1 (baseband and passband)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/18 10:50 |
| S42 | 5081 | select\$3 with (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:01 |
| S43 | 0 | constellation adj1 (select\$3 with (baseband or passband)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:01 |
| S44 | 11 | constellation with (select\$3 with (baseband or passband)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:01 |
| S45 | 2 | QAM with constellation with (select\$3 with (baseband or passband)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:03 |
| S46 | 0 | QAM with constellation with (select\$3 with (baseband and passband)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:03 |
| S47 | 14 | QAM with constellation with select\$3 and (baseband and passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:08 |
| S48 | 4 | (baseband with passband) adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:10 |
| S49 | 85 | (more or less) adj constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:11 |
| S50 | 75 | (more or less) adj constellation and select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:12 |

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S51 | 1 | (more and less) adj constellation and select\$3 and QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:14 |
| S52 | 7 | select\$3 adj1 constellation\$1 and QAM and passband and baseband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 13:23 |
| S53 | 1 | (select\$3 adj1 (passband and baseband) adj mode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:00 |
| S54 | 2 | "20020105465" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/22 15:00 |
| S55 | 2455 | (select\$3 or choos\$3) and (passband and baseband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:26 |
| S56 | 11 | (select\$3 or choos\$3) near (passband and baseband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:28 |
| S57 | 7 | (select\$3 or choos\$3) near (passband and baseband) and (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:30 |
| S58 | 0 | (select\$3 or choos\$3) near (passband and baseband) and (I and Q) and QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 10:31 |
| S59 | 42 | ((select\$3 or choos\$3) adj \$3band) and (I and Q) and (QAM adj1 constellation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:01 |
| S60 | 0 | multimode adj1 QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:01 |

| | | | | | | |
|-----|---------|---|---|----|-----|------------------|
| S61 | 1 | multi-mode adj1 QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:02 |
| S62 | 91 | mode\$1 adj1 QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:41 |
| S63 | 19 | (mode\$1 adj1 QAM) and passband and baseband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:07 |
| S64 | 222 | (QAM adj1 modulat\$4) and passband and baseband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:08 |
| S65 | 150 | (QAM adj1 modulat\$4) and passband and baseband and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:13 |
| S66 | 0 | (multimode adj1 QAM adj1 modulat\$4) and passband and baseband and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:11 |
| S67 | 0 | (multi-mode adj1 QAM adj1 modulat\$4) and passband and baseband and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:11 |
| S68 | 25 | (QAM adj1 mode\$1) and passband and baseband and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:18 |
| S69 | 1533089 | "64" QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:19 |
| S70 | 1663 | "64" adj1 QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:19 |

| | | | | | | |
|-----|----|--|---|----|-----|------------------|
| S71 | 98 | ("64" adj1 QAM) and passband and baseband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:19 |
| S72 | 92 | ("64" adj1 QAM) and passband and baseband and select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:20 |
| S73 | 0 | ("64" adj1 QAM) and ((passband and baseband) adj select\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:20 |
| S74 | 0 | ("64" adj1 QAM adj1 more and less) and passband and baseband and select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 11:21 |
| S75 | 0 | ("64" adj1 QAM adj more and less) and passband and baseband and select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 13:34 |
| S76 | 0 | ("64" adj1 QAM adj more and less) with constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 13:34 |
| S77 | 0 | ("64" adj1 QAM adj more and less) with (constellat\$3 adj1 point\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 13:41 |
| S78 | 2 | "20020051510" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/25 13:41 |
| S79 | 2 | "5945885" and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:42 |
| S80 | 0 | "5945885" and (QAM adj1 constellation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:42 |

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S81 | 855 | (QAM adj1 constellation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:21 |
| S82 | 81 | (QAM adj1 constellation) and baseband and passband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:43 |
| S83 | 4 | multimode and (QAM adj1 constellation) and baseband and passband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:47 |
| S84 | 0 | multimode adj1 QAM adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:48 |
| S85 | 0 | different adj1 mode adj1 QAM adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:49 |
| S86 | 15 | mode\$1 adj QAM adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:51 |
| S87 | 2756 | 64adj QAM adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:51 |
| S88 | 351 | "64" adj QAM adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:51 |
| S89 | 2 | (QAM adj1 constellation) with (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:22 |
| S90 | 15 | QAM with constellation with (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:23 |

| | | | | | | |
|------|------|---|---|----|-----|------------------|
| S91 | 1 | (QAM adj1 modulat\$3)with constellation with (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:25 |
| S92 | 41 | (I and Q) with constellation with (baseband or passband) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:28 |
| S93 | 1015 | baseband adj1 modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:28 |
| S94 | 1080 | ((baseband or passband)adj1 modulat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:28 |
| S95 | 83 | ((baseband or passband)adj1 modulat\$3) with (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:28 |
| S96 | 14 | ((baseband or passband)adj1 modulat\$3) with (I and Q) and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:36 |
| S97 | 1 | (passband adj1 modulat\$3) with (I and Q) and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:34 |
| S98 | 0 | ((baseband and passband)adj1 modulat\$3) with (I and Q) and constellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:36 |
| S99 | 155 | (QAM adj1 modulat\$3) with select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:38 |
| S100 | 0 | (QAM adj1 modulat\$3) with (select\$3 adj \$4band) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:39 |

| | | | | | | |
|----------|-------|---|---|----|-----|------------------|
| S10 1 | 322 | (QAM adj1 modulat\$3) with \$4band | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:39 |
| S10 2 | 263 | (QAM adj1 modulat\$3) with \$4band and select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:39 |
| S10 3 | 3 | (QAM adj1 modulat\$3) with \$4band and (select\$3 adj mode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:04 |
| S10 4 | 2 | "6157679" and "64" and select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:19 |
| S10 5 | 1 | "6157679" and "64" and select\$3 and analog | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 14:19 |
| S10 6 | 75156 | sync | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 10:54 |
| S10 7 | 360 | sync with (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 10:55 |
| S10 8 | 5 | sync with (I and Q) and (QAM adj1 constellation\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 10:57 |
| S10 9 | 456 | (I and Q) and (QAM adj1 constellation\$1) and filter\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 10:57 |
| S11 0 | 79 | (I and Q) and (QAM adj1 constellation\$1) and filter\$3 and d/a | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 10:58 |

| | | | | | | |
|----------|-------|---|---|----|-----|------------------|
| S11 1 | 6 | (I and Q) and (QAM adj1 constellation\$1) and filter\$3 and d/a and lpf | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:00 |
| S11 2 | 0 | QAM with flexible with multimode with modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:01 |
| S11 3 | 0 | QAM with flexible with multimode with modulator\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:01 |
| S11 4 | 51263 | passband or baseband | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:01 |
| S11 5 | 717 | (passband or baseband) with QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/10 11:01 |